Recombinant Human FES Protein (I448-R822), Tag Free

Cat. No. FES-1321S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FES(I448-R822 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	I448-R822
Description	Tyrosine-protein kinase that acts downstream of cell surface receptors and plays a role in the regulation of the actin cytoskeleton, microtubule assembly, cell attachment and cell spreading. Plays a role in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Acts down-stream of the activated FCER1 receptor and the mast/stem cell growth factor receptor KIT. Plays a role in the regulation of mast cell degranulation. Plays a role in the regulation of cell differentiation and promotes neurite outgrowth in response to NGF signaling. Plays a role in cell scattering and cell migration in response to HGF-induced activation of EZR. Phosphorylates BCR and down-regulates BCR kinase activity. Phosphorylates HCLS1/HS1, PECAM1, STAT3 and TRIM28.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	FES feline sarcoma oncogene [Homo sapiens (human)]
Official Symbol	FES
Synonyms	FES; feline sarcoma oncogene; feline sarcoma (Snyder Theilen) viral (v fes)/Fujinami avian sarcoma (PRCII) viral (v fps) oncogene homolog; tyrosine-protein kinase Fes/Fps; c fes/fps protein; FPS; Oncogene FES; feline sarcoma virus; p93c-fes; proto-oncogene c-Fes; proto-oncogene c-Fps; Oncogene FES, feline sarcoma virus; proto-oncogene tyrosine-protein kinase Fes/Fps; feline sarcoma/Fujinami avian sarcoma oncogene homolog; feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog;
Gene ID	2242
mRNA Refseq	NM_001143783
Protein Refseq	NP_001137255
MIM	190030

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UniProt ID	P07332

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